

cally at least one aromatic azo compound having a hydroxy group in ortho-position with regard to an azo group.

[0428] Embodiment 59. The composition according to any one of embodiments 55 to 58, wherein the at least one stabilizer comprises:

[0429] at least one radical scavenger, in particular at least one phenolic radical scavenger, and

[0430] at least one phosphorous containing compound, in particular at least one phosphonic acid and/or at least one phosphoric acid and/or a derivative thereof.

[0431] Embodiment 60. The composition according to any one of embodiments 55 to 58, wherein the at least one stabilizer comprises:

[0432] at least one radical scavenger, in particular at least one phenolic radical scavenger, and

[0433] at least one complexing agent, in particular at least one aromatic azo compound.

[0434] Embodiment 61. The composition according to any one of embodiments 55 to 60, wherein the at least one stabilizer comprises:

[0435] at least one radical scavenger, in particular at least one phenolic radical scavenger,

[0436] at least one phosphorous containing compound, in particular at least one phosphonic acid and/or at least one phosphoric acid and/or a derivative thereof, and

[0437] at least one complexing agent, in particular at least one aromatic azo compound.

[0438] Embodiment 62. A printing method comprising the steps of

[0439] providing a resin composition comprising

[0440] (i) at least one compound C1 having at least one terminal alkyne functional group and/or at least one compound C3 having at least one carbon-carbon double bond and

[0441] (ii) at least one compound C2 having at least two thiol functional groups;

[0442] irradiating at least a part of the resin composition with an energy-carrying activation beam so as to cause polymerization of the at least a part of the resin composition and so as to obtain a polymer; and

[0443] contacting the polymer with a cleaning composition comprising an alkaline compound, a surfactant and a solvent.

[0444] Embodiment 63. The printing method according to embodiment 62, wherein the step of contacting the polymer with a cleaning composition is carried out at a temperature of from 20° C. to 60° C. and/or upon application of ultrasonics.

[0445] Embodiment 64. The printing method according to embodiment 62 or 63, wherein the alkaline compound comprises an inorganic alkaline compound and/or an organic alkaline compound.

[0446] Embodiment 65. The printing method according to any one of embodiments 62 to 64, wherein the alkaline compound is selected from the group consisting of alkali metal carbonates, alkali metal hydroxides, ammonium hydroxide, ammonia, ammonium derivatives, organic amines, such as ethanolamine, and combinations thereof.

[0447] Embodiment 66. The printing method according to any one of embodiments 62 to 65, wherein the surfactant is selected from the group consisting of anionic surfactants, zwitterionic surfactants, amphoteric surfactants, nonionic surfactants, cationic surfactants, such as monovalent cationic surfactants, and combinations thereof.

[0448] Embodiment 67. The printing method according to any one of embodiments 62 to 66, wherein the solvent comprises a polar solvent and/or an apolar solvent.

[0449] Embodiment 68. The printing method according to any one of embodiments 62 to 67, wherein the solvent is selected from the group consisting of water, an alcohol, an ether, an ester, a carbonate, a halogenated alkane, a nitrile, an aldehyde, a ketone, an amide solvent, a sulfoxide, an acid, a hydrocarbon, an aromatic solvent, and combinations thereof.

[0450] Embodiment 69. The printing method according to embodiments 62 to 68, wherein the method further comprises, after the step of contacting the polymer with a cleaning composition, a step of removing solids from the cleaning composition.

[0451] Embodiment 70. The printing method according to embodiment 69, wherein the step of removing solids from the cleaning composition comprises at least one of filtration, centrifugation and/or decantation of the cleaning composition.

[0452] While embodiments of the invention have been described in detail by way of specific embodiments and examples, the invention is not limited thereto and various alterations and modifications are possible, without departing from the scope of the invention.

1.-70. (canceled)

71. A composition comprising:

at least one compound C1 having at least one terminal alkyne functional group and/or at least one compound C3 having at least one carbon-carbon double bond;

at least one compound C2 having at least two thiol functional groups; and

at least one stabilizer selected from the group consisting of a radical scavenger, a phosphorous containing compound and a complexing agent.

72. The composition according to claim 71, wherein the composition comprises at least one compound C1 having at least one terminal alkyne functional group and at least one compound C3 having at least one carbon-carbon double bond.

73. The composition according to claim 71, wherein the at least one compound C1 comprises at least one of the following features:

at least one terminal alkyne functional group and at least one selected from a linear or branched, saturated or unsaturated, substituted or unsubstituted alkyl group; a linear or branched, saturated or unsaturated, substituted or unsubstituted heteroalkyl group; a saturated or unsaturated, substituted or unsubstituted cycloalkyl group; a saturated or unsaturated, substituted or unsubstituted heterocycloalkyl group; a substituted or unsubstituted aryl group; a substituted or unsubstituted heteroaryl group; a linear or branched, substituted or unsubstituted aralkyl group; a linear or branched, substituted or unsubstituted alkaryl group; an oligomer or a polymer; and/or

at least one terminal alkyne functional group selected from the group consisting of propargyl, butynyl and pentynyl; and/or

at least one terminal alkyne functional group and at least one functional group selected from the group consisting of a carbonate, a carbamate, an ether and an ester; and/or